

## Defining CBE

- **Instruction is aligned** to rigorous college- and career-ready standards and the social and emotional skills students need to be successful in college and career;
- **Instruction is customized**, allowing each student to design learning experiences aligned to his or her interests;
- **The pace of instruction is varied** based on individual student needs, allowing students to accelerate or take additional time based on their level of mastery;
- **Educators use evidence** from formative assessments and student feedback in real-time to differentiate instruction and provide robust supports and interventions so that every student remains on track to graduation; and
- **Students and parents have access** to clear, transferable learning objectives and assessment results so they understand what is expected for mastery and advancement.



## 4<sup>th</sup> INDUSTRIAL REVOLUTION Today

- Robotics & Artificial Intelligence
- Autonomous Vehicles
- Nano- & Bio-technologies
- 3D Printing

KnowledgeWorks.org

By 2020, over **40%**  
of the US workforce  
will be independent,

**short-term contractors**

Source: IBM (2010)

KnowledgeWorks.org

ONLY  
**26%**

Met proficiency  
benchmarks<sup>1</sup>

ONLY  
**46%**

Were college  
and career ready<sup>2</sup>

1: National ACT 2016

2: College Board 2017

KnowledgeWorks.org

## CBE & Technology

### Myth

Students will spend all day on a computer or tablet.

### Fact

Technology can be a great tool for learning, but it's not the only one. Some students may prefer project-based work or a computer program, while others prefer pencil and paper. **Competency education provides students the opportunity to learn how they learn best and to demonstrate learning in a variety of ways, rather than just taking a test or writing a paper.**

KnowledgeWorks.org

## Standards

### Myth

CBE is just another way to feed us standards created by an outside entity.

### Fact

Standards guarantee every student an equal, quality education. It doesn't matter what the standards are called or who created them. What is more important is that the state – be it Texas or Maine or Alaska – has chosen to use **state-wide standards to ensure consistency in learning among all districts, no matter the tax-base or zip code, ensuring students in low-income and high-income districts are guaranteed a high-quality education.**

KnowledgeWorks.org

## Teachers

### Myth

Is the role of the teacher diminished by PCBL?

### Fact

Relationships drive student learning in a competency-based environment. **Teachers are more essential than ever before, creating unique opportunities for learning, working with students to create classroom culture, helping students discover their learning styles and working side-by-side with learners throughout the year.**

KnowledgeWorks.org

## Time vs. Learning

### Myth

Deadlines are dead in a PCBL model.

### Fact

Students move ahead when they have demonstrated mastery of content, not when they've reached a certain birthday. However, **competency education classrooms have a class pace set by the teacher.** There may be some learners who work ahead or a little behind pace, but this more student-centered approach gives the teacher greater understanding as to where each student is, and when supports are needed.

KnowledgeWorks.org

## Personalize for All?

### Myth

It's not possible to personalize instruction for all learners.

### Fact

A learner-centered classroom doesn't mean 25-30 individual lesson plans for each student. **It's about developing student agency so they have a voice, a choice and engagement opportunities to access content and their world in the best way for them.** The school day includes instructional time with the teacher and opportunities to work independently, in pairs or with other students. Because their learning targets are transparent, students work with the teacher to determine what they need to accomplish to meet them and how they could show evidence of learning. Learning isn't a mystery, and students have a greater understanding of what they need to learn and why.

KnowledgeWorks.org

## This Bill Addresses Alignment of Accountability

### 2007 – Michigan Merit Curriculum

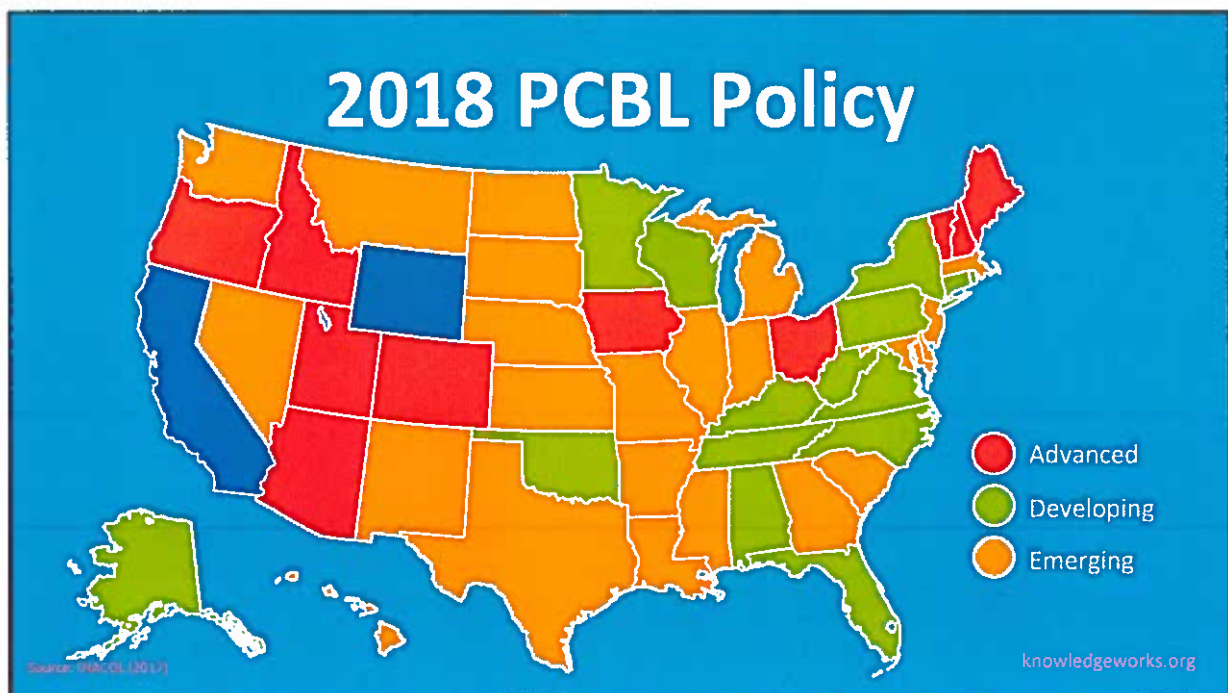
- College and career readiness are one in the same
- MMC = College prep curriculum
- Limited elective opportunities
- Limited time for career exploration
- Our solution to date: waivers (seat time & calendar)
- The gap for our vision:
  - An accountability system centered on college readiness rather than college or career readiness
  - Flexibility in courses & authentic assessment for learning

### 2018 – Proposed Bill

- Allows for flexibility in our curriculum. Courses can be designed around the interest of individual learners.
- Allow for authentic, meaningful assessment to measure learning (performance assessments).
- Allows for an accountability structure that honors college *or* career bound learners
- Allows us to focus on competencies rather than instructional hours. Learning can be the constant and time a variable.

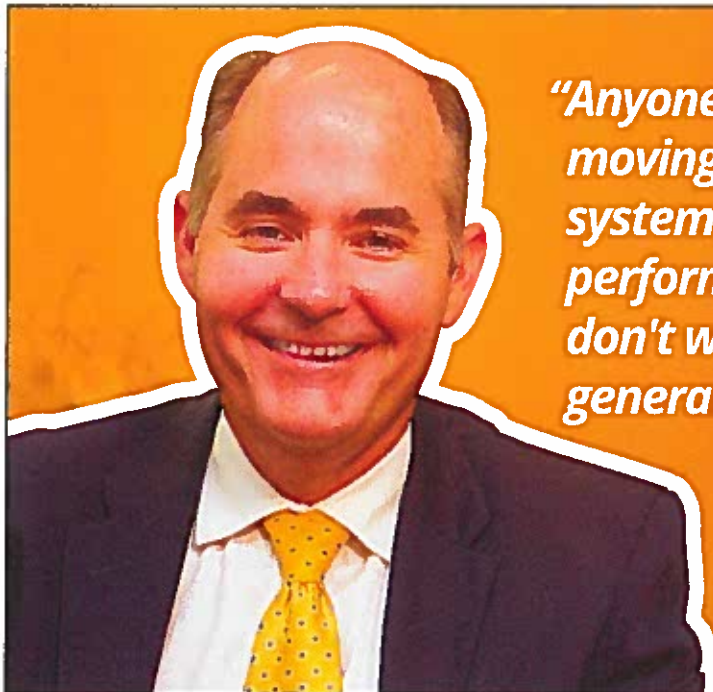
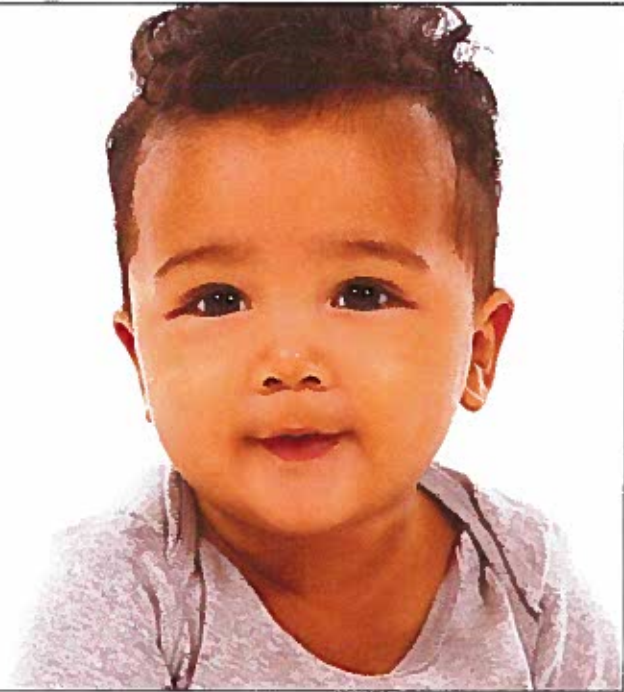
KnowledgeWorks.org





**Lead with Purpose**

**Our kiddos'  
futures depend  
on it.**



***"Anyone who's delaying  
moving from a traditional  
system to a learner-centered,  
performance-based system:  
don't waste another  
generation of kids."***

**Tom Rooney**  
Superintendent  
Lindsay Unified School District  
Lindsay, CA

knowledgeworks.org

